

PRELIMINARY
NOT FOR CONSTRUCTION



Certificate of Authorization

HDK Consulting Incorporated

No. 5539 Date: 04/30/2015



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| 2 | ISSUED FOR CONSTRUCTION | FEB 23/15 |
| 1 | ISSUED FOR 95% REVIEW | DEC 28/14 |
| 0 | ISSUED FOR 50% REVIEW | OCT 28/14 |
| Revision | Description | Date |

Client client

**ROYAL CANADIAN
MOUNTED POLICE
D-DIVISION**

**1091 PORTAGE AVENUE
WINNIPEG, MANITOBA**

Project Projct
**WINNIPEG, MANITOBA
1091 PORTAGE AVENUE
D-DIVISION HEADQUARTERS
FIRING RANGE UPGRADE**

Designed by Conçu par
RR/DH

Drawn by Dessiné par
RR

Approved by Approuvé par
DH

PWSSC Project Manager Administrateur de Projets TPSSC
PAUL DUCHARME

Drawing title Titre du dessin

**SUB-BASEMENT MECHANICAL
DEMOLITION PLAN**

**PARTIAL PENTHOUSE MECHANICAL
DEMOLITION PLAN**

Project no./No. du projet Drawing no./No. du dessin Revision no.

DM1.0

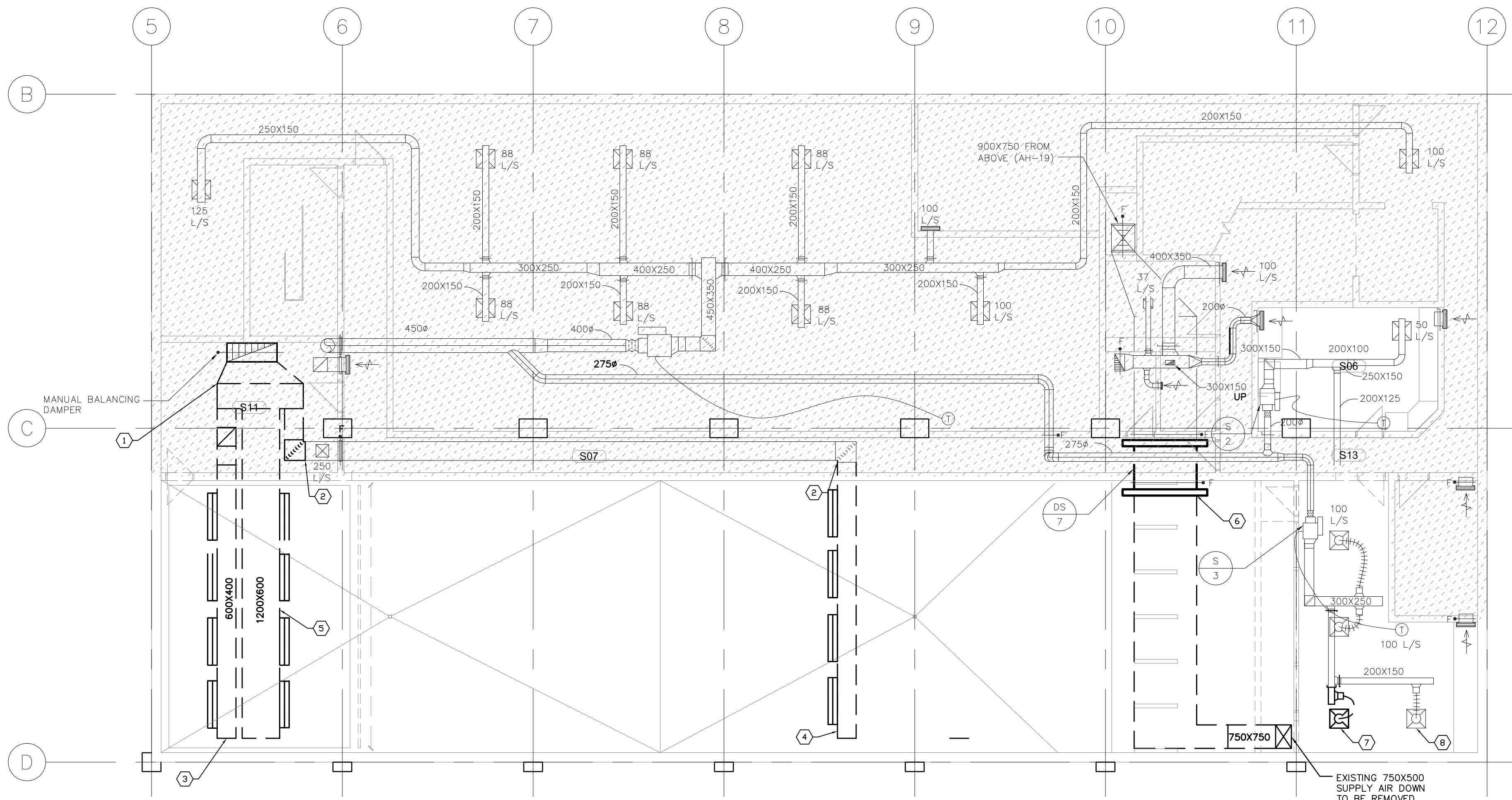
OF 04

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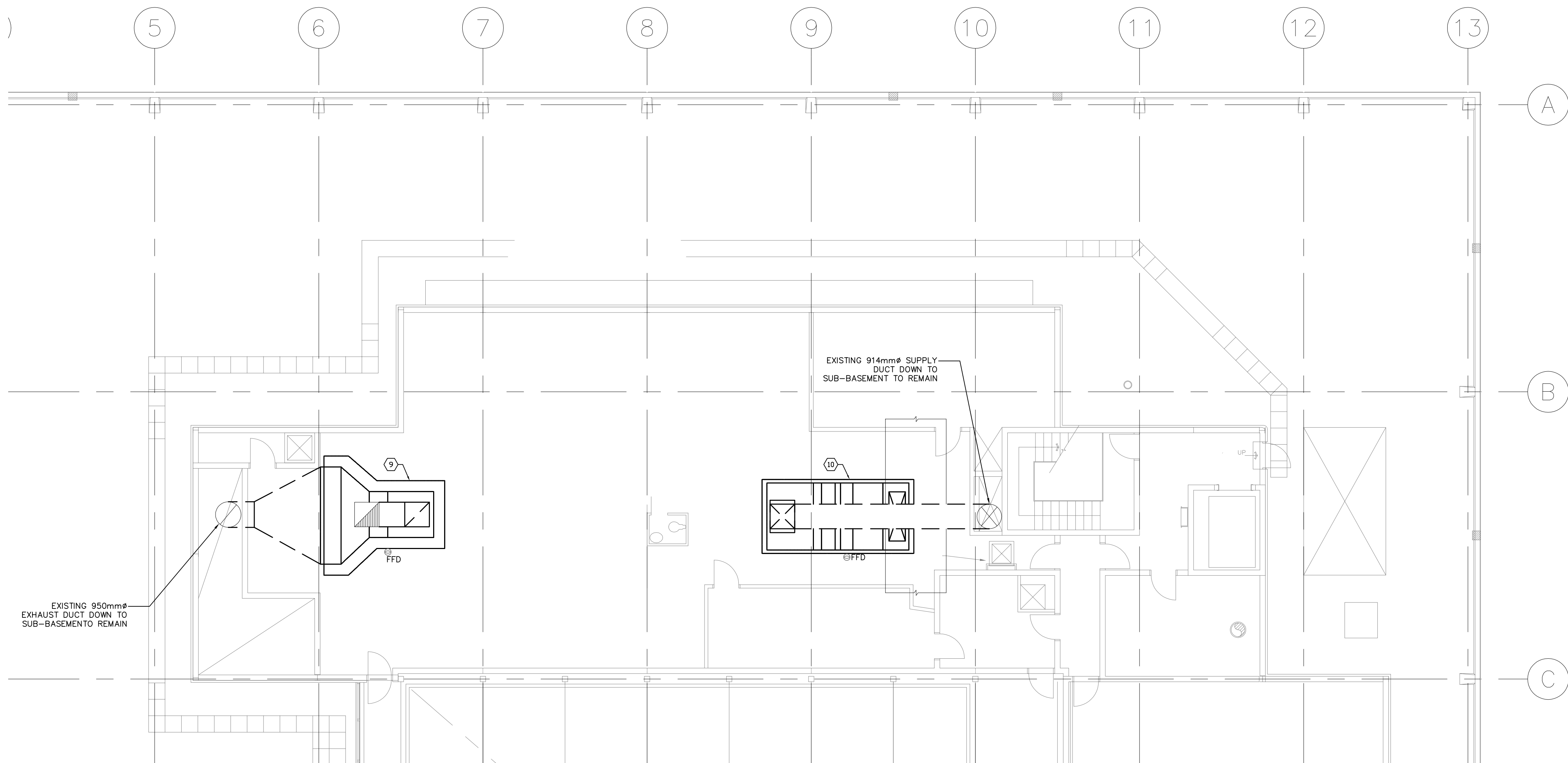
DEMOLITON DRAWING NOTES:

- 1 REMOVE EXISTING MAIN EXHAUST DUCT APPROXIMATELY THIS LOCATION TO ALLOW FOR NEW CONNECTION. REFER TO DRAWING 1/M-1.0 FOR NEW DUCTING.
- 2 CAP-OFF EXISTING 600x600mm EXHAUST DUCT APPROXIMATELY THIS LOCATION TO ALLOW FOR NEW CONNECTION. REFER TO DRAWING 2/M-1 FOR NEW DUCTING.
- 3 EXISTING EXHAUST DUCT AT FLOOR LEVEL TO BE REMOVED.
- 4 EXISTING 600x600mm EXHAUST DUCT AND 1500x150mm OPEN END DUCTS TYPICAL OF 4 TO BE DEMOLISHED.
- 5 EXISTING 600x400mm, 1200x600mm EXHAUST DUCT AND OPEN END DUCTS TYPICAL OF 8 TO BE DEMOLISHED.
- 6 REMOVE EXISTING 2000mmx500mm SUPPLY DUCT UP TO THIS POINT AND PREPARE FOR NEW CONNECTION.
- 7 REMOVE EXISTING DIFFUSER AND DUCTWORK UP TO THIS POINT AND CAP DUCTWORK.
- 8 BALANCE EXISTING FLOW FROM 100 L/S TO 133 L/S, TYPICAL OF 3 OUTLETS.
- 9 EXISTING EXHAUST AHU-13 AND ASSOCIATED MAIN DUCTS TO BE REMOVED. TEMPORARILY CAP-OFF EXISTING HYDRONIC PIPING FOR RE-CONNECTION TO NEW UNITS.
- 10 EXISTING SUPPLY AHU-09 AND ASSOCIATED MAIN DUCTS TO BE REMOVED. TEMPORARILY CAP-OFF EXISTING HYDRONIC AND STEAM PIPING FOR RE-CONNECTION TO NEW UNITS.

| HVAC LEGEND | |
|-------------|--|
| | BALANCING DAMPER |
| | DAMPER MOTOR, ELECTRIC |
| | DAMPER MOTOR, PNEUMATIC |
| | BACKDRAFT DAMPER |
| | FIRE DAMPER |
| | SMOKE DAMPER |
| | EQUIPMENT TAG |
| | THERMOSTAT |
| | HUMIDISTAT |
| | V.A.V. BOX SYMBOL |
| | FORCE FLOW HEATER DESIGNATION |
| | EQUIPMENT DESIGNATION |
| | EQUIPMENT NUMBER |
| | DESIGNATION NECK SIZE MAX. AIRFLOW (L/s) } DIFFUSER/ GRILLE SYMBOL |
| | NEW DUCT |
| | NEW DUCT WITH ACOUSTIC LINING |
| | EXISTING DUCT |
| | EXISTING DUCT TO BE REMOVED |
| | SUPPLY AIR DIFFUSER |
| | RETURN AIR GRILLE |
| | MITRED ELBOW W/TURNING VANES |
| | VOLUME EXTRACTOR |
| | DIFFERENTIAL PRESSURE SENSOR |
| | DIFFERENTIAL PRESSURE MONITOR |



1 SUB-BASEMENT — MECHANICAL DEMOLITION PLAN
DM-1 DM-1 1:100



2 PARTIAL PENTHOUSE — MECHANICAL DEMOLITION PLAN
DM-1 DM-1 1:100